



Army Capabilities Integration Center

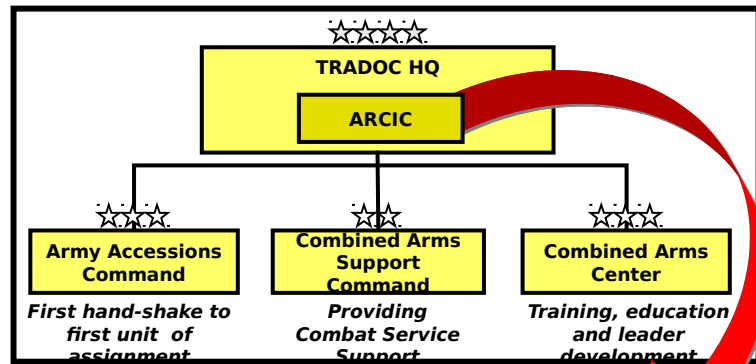
US Army Training and Doctrine Command

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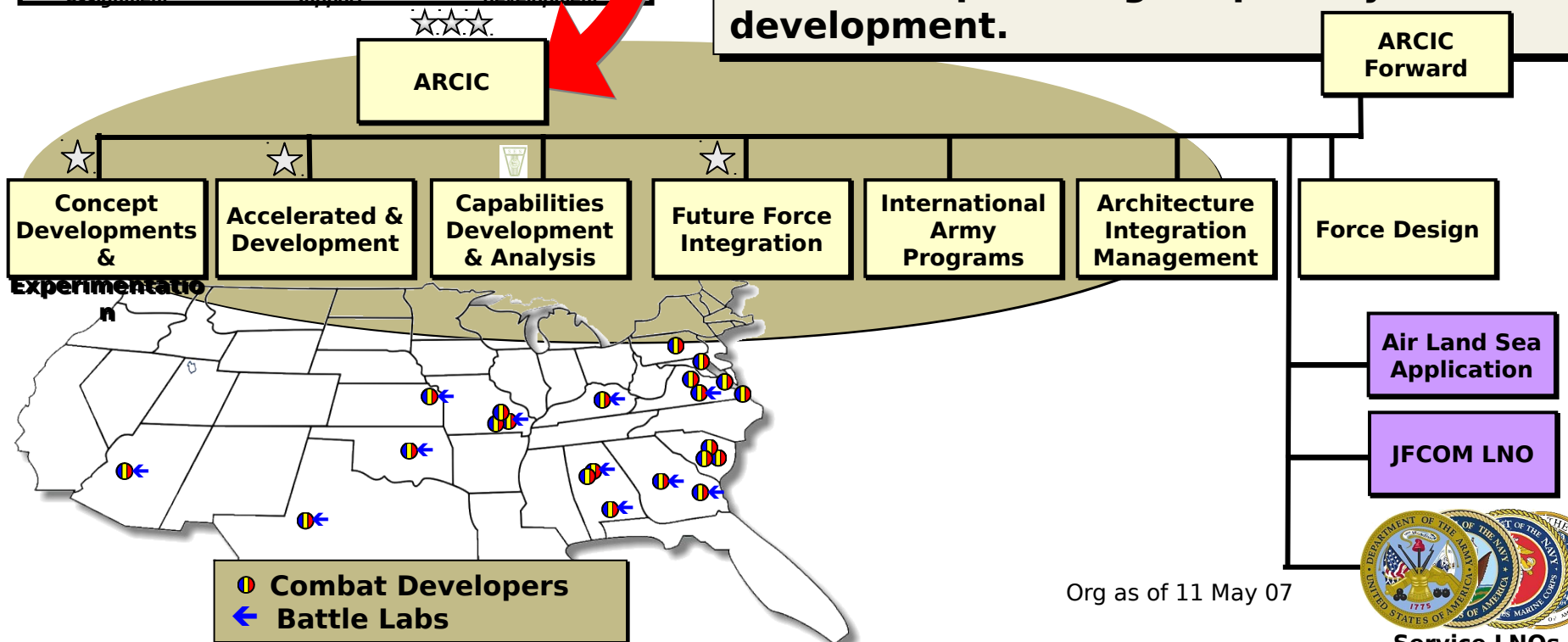
TRADOC: Victory Starts Here



Army Capabilities Integration Center



The Army Capabilities Integration Center designs, develops, integrates and synchronizes force capabilities for the Army across the DOTMLPF imperatives into a Joint, Interagency, and Multinational operational environment from concept through capability development.



Org as of 11 May 07

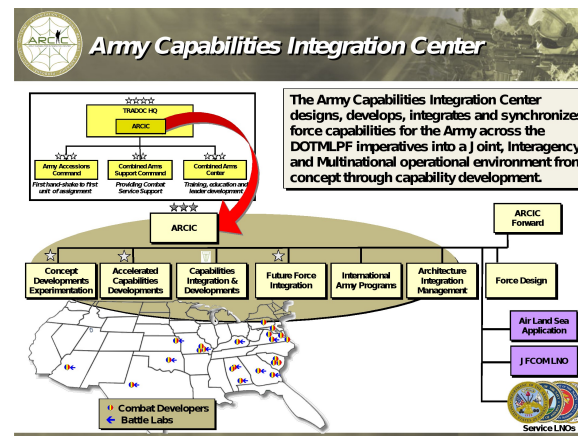


Service LNOs



Army Capabilities Integration Center: Role in the U.S. Army

HQDA General Order#04 (10 Feb 06):
ARCIC is responsible to the Sec Army and
CSA for integrating force requirements
and synchronizing the development of
DOTMLPF Solutions across the Army



- Management structure for identifying capability gaps and directing analytical support for DOTMLPF development:

- Validation of research and development priorities for key Army S & T needs
- Development and validation of integrated operational architectures depicting warfighting capabilities
- Lead Army agency for coordination with Joint agencies & other Services for identification and integration of joint required capabilities

- Director, ARCIC has integration coordination authority across the Army in matters pertaining to identification of required capabilities and DOTMLPF integration to include:

- Current developments in support of the Global War on Terrorism
- The full range of developments and transformational efforts in support of the future combat force strategy.
- Continual evolution of the Current Modular Force into the Future Modular Force through the insertion of capabilities from the Future Combat Systems Program

Authority for resource allocation and integrated execution of approved force management plans remains vested in HQDA



Support Priorities to the Big Army

1. Risk Mitigation & Integration for Current Force

Spiral Developments and Prototype Experiments

Advise HQDA on risk management strategies and recommendations

2. FCS & Spin Out Development & Integration

Support establishment of FFID and AETF

Synchronize and Integrate FCS Spin- out capabilities into Modular Force

Develop Future Combat Systems Brigade Combat Team

3. Capabilities Development for the Army in a Joint and Interagency Environment

Determine and integrate force capability requirements

Synchronize development of DOTMLPF solutions

Integrate Operational Architectures

Guide concepts and technology to mitigate capability gaps

4. Risk Mitigation for Programs of Record

Develop integrated DOTMLPF capabilities for HQDA to translate into programmatic requirements

Support IOT&E and fielding of Modular Brigade Combat Teams

5. Alternate Futures

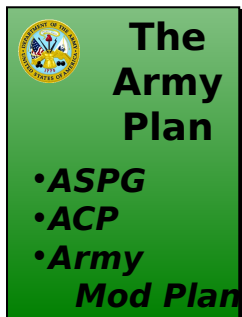
Design, develop, and integrate force capability requirements using wargaming, experimentation, concepts, studies, analyses, and architectures

Preserve intellectual and physical capacity to underpin these priorities



Managing How We Shape The Future Force

DIRECTED EXECUTION

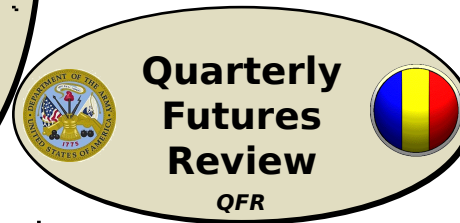
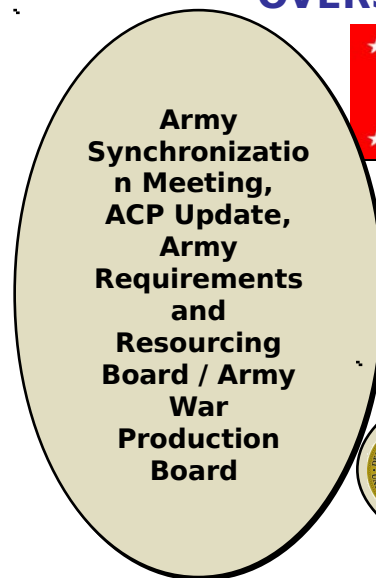


EXECUTIVE LEVEL DECISION-MAKING



Army Review Council

EXECUTIVE LEVEL OVERSIGHT AND DECISIONS



HQDA

Multinational
Bilateral

Academia/
Banks / Media

Joint Forces
Command
Major Command

Serial Developers/
Industry/
Research & Development

Office of SECDEF /
Other Military Services

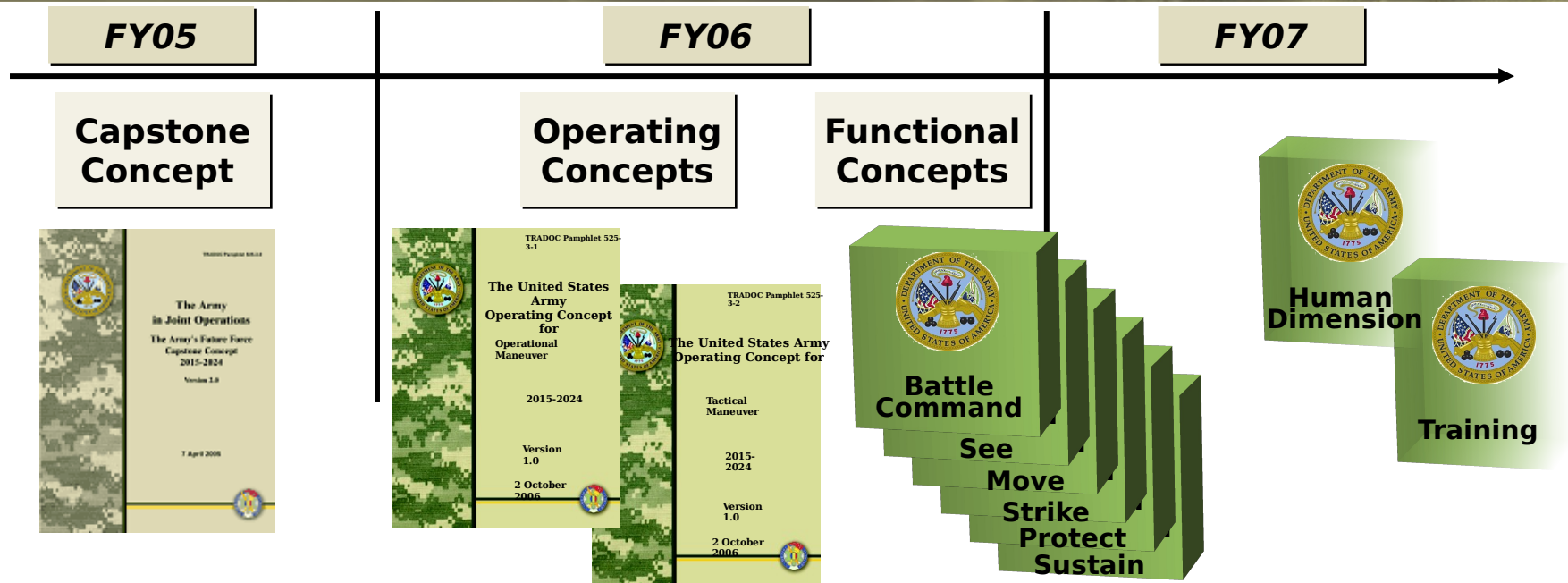
Warrior Schools
& Centers

Congress





Army Concept Strategy



- Army concepts – nested and support the Capstone Concept for Joint Operations (CCJO) and the family of Joint Operations Concepts (JOpsC)
- Capstone Concept is the conceptual base for subordinate concepts and experimentation
- Operating Concepts and Functional Concepts further develop key ideas from the Army Capstone Concept
- Concept Capability Plans (CCPs) enable detailed development of capability based solutions

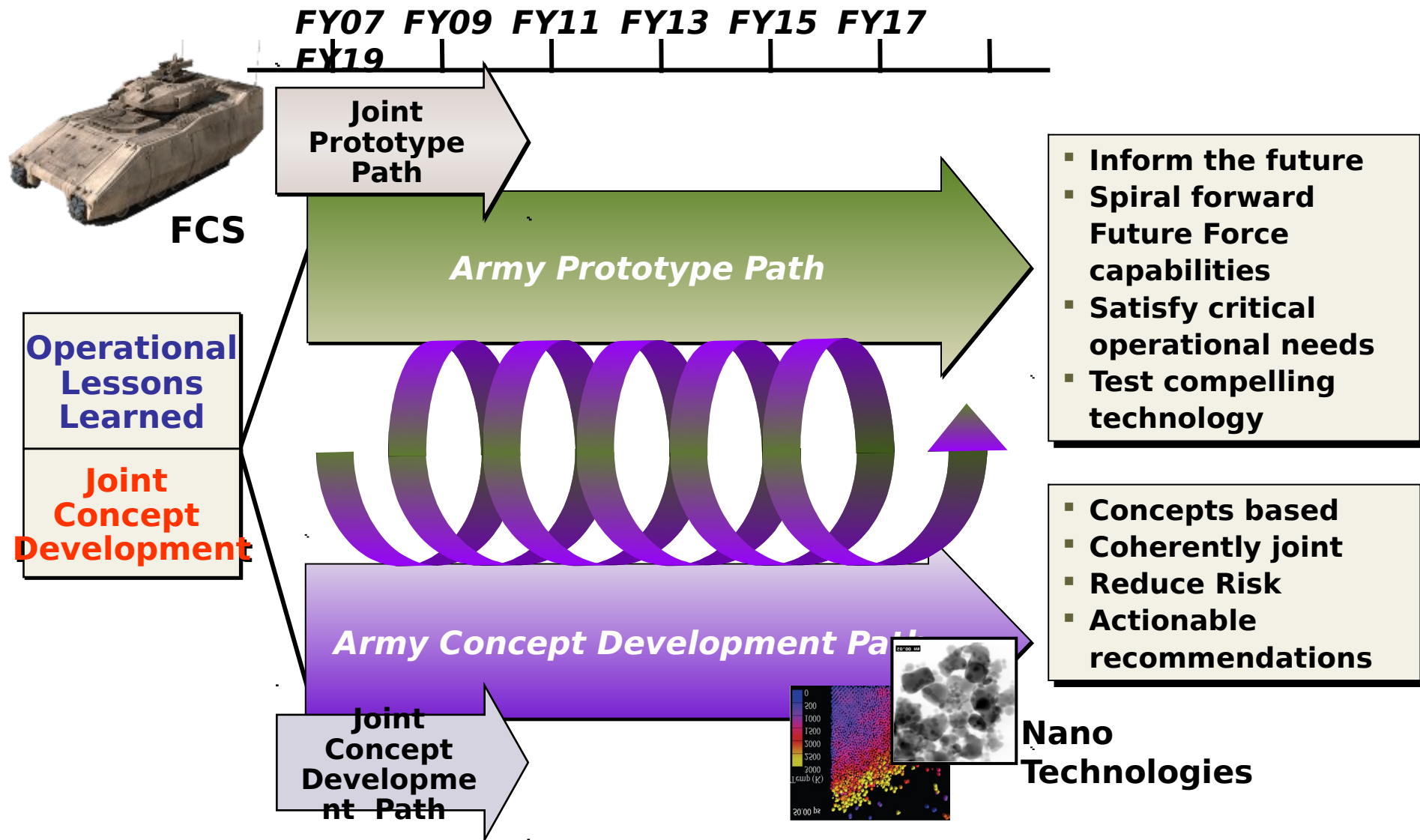
Wargaming and Experimentation

Capability Based Assessment (CBA)

A comprehensive set of concepts for future capabilities development



Concept Development and Experimentation





Capabilities Development -

**Future Operational Risk Assessments
plus
Joint / Army Concepts
plus
Current Operational Needs
(Operational Needs Statements & Lessons)
minus
Current / Programmed Capabilities**

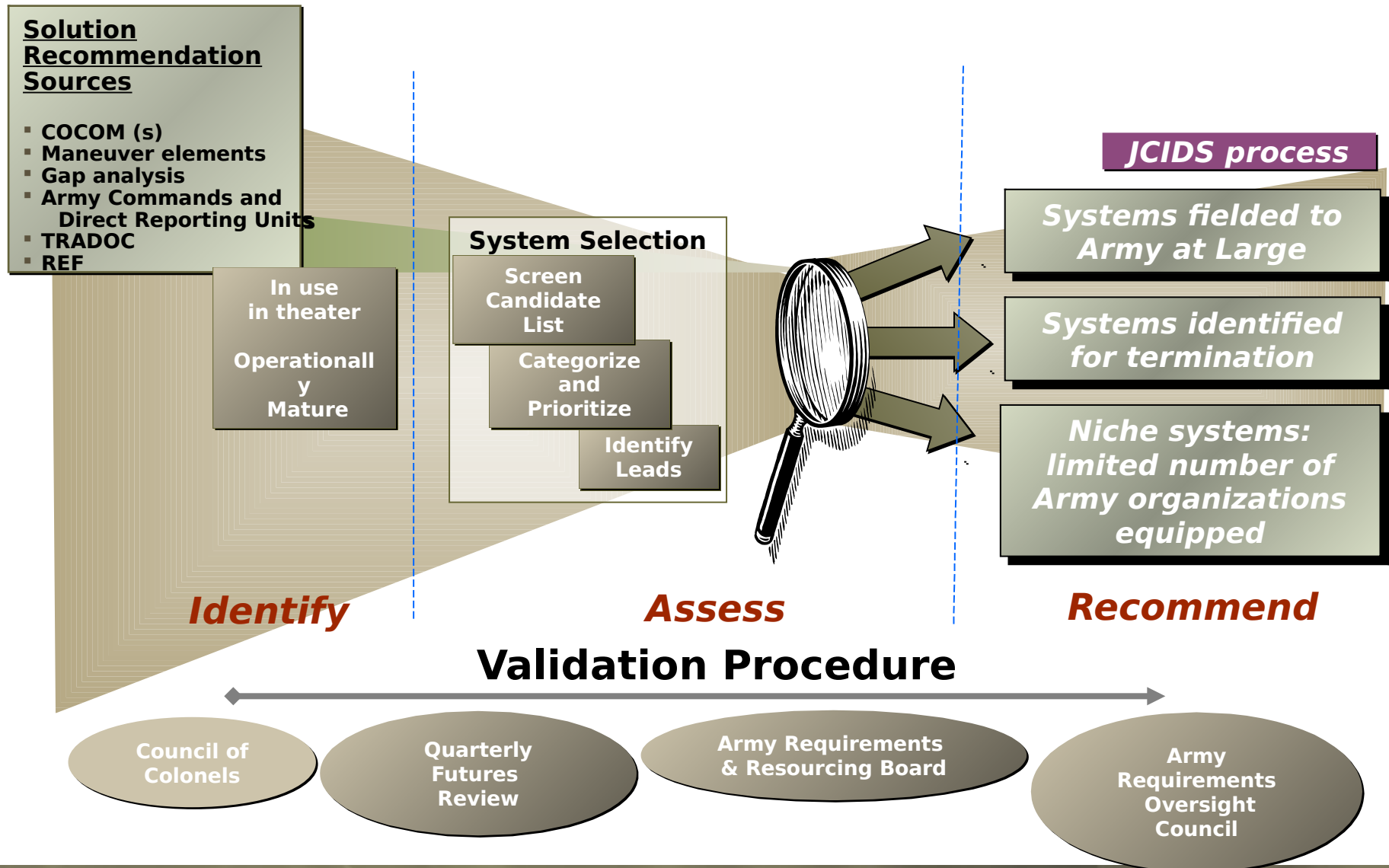
**Solutions
Analysis**

**Residual
Gaps**

Current and Future Force Capability Gaps



Capabilities Development for Rapid Transition



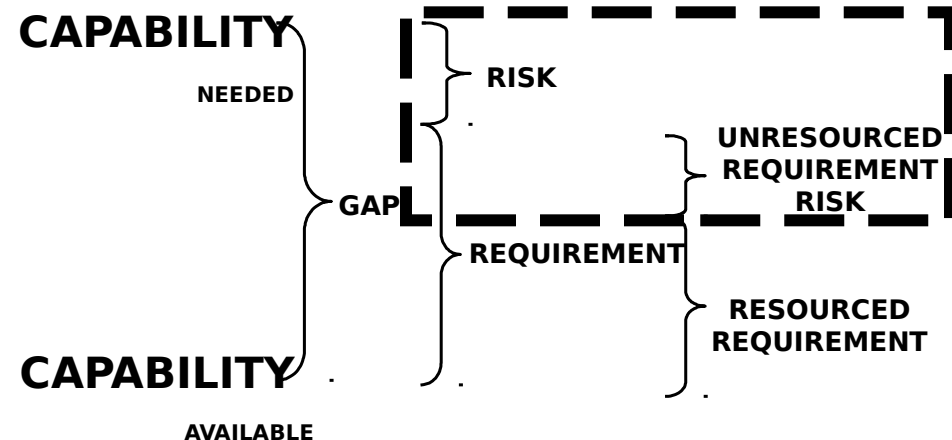


Requirements Determination

A "Requirement" Depends On Where You Sit

- Combat Developer: describes what it is we want in a new system -- the system attributes, the qualities
- Force Designer (combat development subset): means how many in force design and structure -- the quantity of a system
- Acquisition Community: anything that they must consider in developing a new system -- from combat developer "requirements" (a.k.a. attributes) to specifications
- HQDA Resourcers: any activity that requires funding

GAPS, REQUIREMENTS and RISK



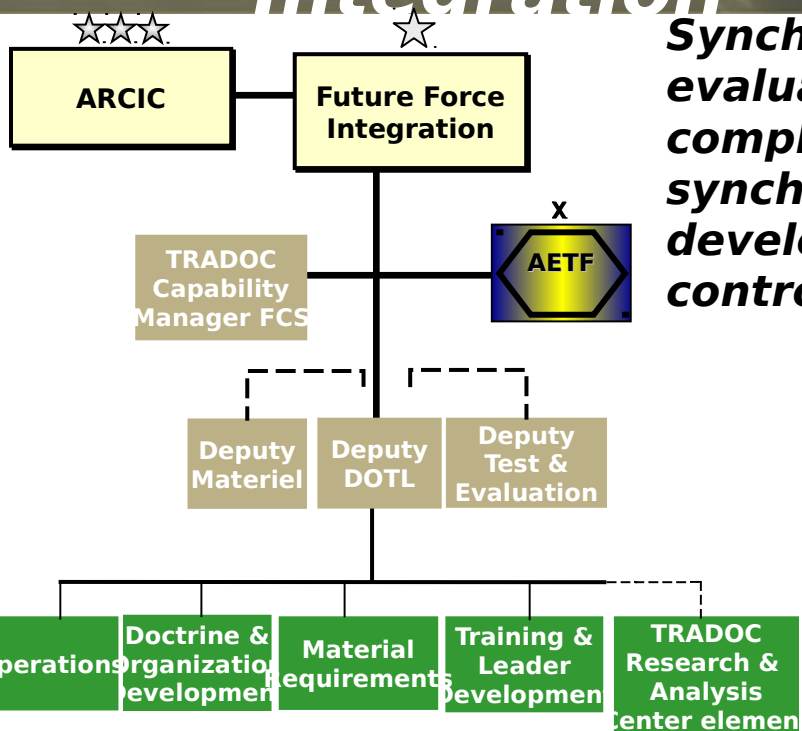
Defining a requirement is an act of decision, not discovery

Capabilities development relies on interdependent relationship of four joint processes

1. Joint Concept Development and Experimentation
2. Joint Capabilities Integration and Development System (DOTMLPF Change or New Materiel)
3. JROC Programmatic Processes
4. Defense Acquisition System



Future Force Integration



Synchronize delivery, preparation, and evaluation of all FCS related products including complementary systems; develop DOTL products synchronized with PM FCS BCT materiel developments; and exercise command and control of the Army Evaluation Task Force.

Functions:

- Develop training / leader development products, train and certify AETF
- Synchronize and coordinate plan for development related activities (Exercises, Experiments, T&E events)
- Develop Doctrine and Organization products; apply Lessons Learned
- Update and synchronize systems development documents
- Exercises direct authority over AETF
- Interface between AETF and Generating Force



Create and sustain an environment for the successful testing, evaluation, and integration of Future Combat Systems (FCS) technologies for the current and future Modular Forces.



Architecture Integration and Management



Leads the development, integration, and validation of operational architectures that provide the underpinnings for land warfare concepts and capabilities and support experimentation, analysis, and DOTMLPF solutions. Decomposes capabilities into Mission, Task, Purpose statements, identify required operational elements and information flows, and provides analysis of the data to decision

Responsibilities

- Lead and validate joint, interagency, and multinational operational architecture requirements for Army forces
- Develop plans and policies and manage programs in support of operational architecture development
- Maintain, develop, integrate and validate operational architectures for current and future forces
- Provide the tools and data management to enable a collaborative architecture development environment

Recent Initiatives

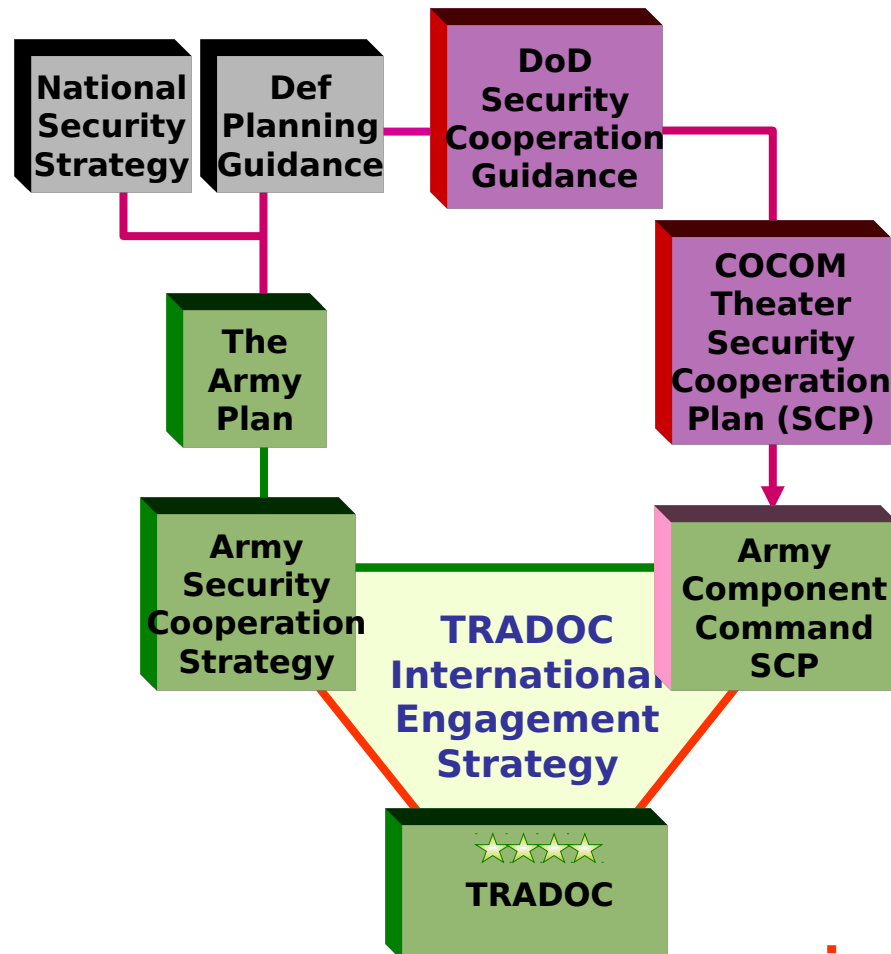
- Modular Force Baseline
- Joint Tactical Radio System
- Joint Improvised Explosive Device Defeat
- Joint Consultation Command & Control Information Exchange Data Model
- Future Combat Systems Spinout
- Joint Task Force Headquarters/Joint Force Land Component Command, in conjunction with Joint Forces Command
- Software Blocking
- Biometrics



International Programs

Synchronize TRADOC international activities to exchange information with our Partners and Allies to enhance current and future operational capabilities.

TRADOC International Engagement



- Primary scope: Non-security assistance engagements that TRADOC has decision authority to conduct and expends internal resources to execute
- Primary link to Army Plan through Coalition Operational Capabilities



TRADOC Liaison Officers **Foreign Liaison Officers**
16 in 11 Countries 17 from 17 Countries



Summary: What We're Doing for the Army

- Supporting Soldiers Today and Preparing for the Future
- Integrating the Force
- Implementing the Modular Force
- Powering Joint Interdependencies
- Leading Joint Wargaming, Experimentation and Concept Development

***Developing a Campaign Quality Army
with Joint and Expeditionary Capabilities***